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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/867,837	05/30/2001	Man Wei Lee	70012663-1	6109

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HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, CO 80527-2400

EXAMINER

DEAN, RAYMOND S

ART UNIT	PAPER NUMBER
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2684

3

DATE MAILED: 03/12/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

09/867,837

**Applicant(s)**

LEE, MAN WEI

**Examiner**

Raymond S Dean

**Art Unit**

2684

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1 - 13 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1 - 13 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date 2. | 6) <input type="checkbox"/> Other: ____.  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1 – 4, 6 – 8, and 10 – 12 are rejected under 35 U.S.C. 102(e) as being anticipated by Sassi (US 6,487,396 B1).

Regarding Claim 1, Sassi teaches a portable device having separate display panels pre-assigned to respective operation modes for displaying associated information and selected cross operation information (Figures 1 – 3, Column 4 lines 64 – 67, Column 5 lines 1 – 7, Column 5 lines 16 – 30, Column 6 lines 37 – 52, CMT is the phone mode) comprising: a cover attached to the device (Figure 1, the outer surface (3b) is the cover), movable to selectively overlay or expose at least a second display panel (Figure 1 - 2, when the outer surface (3b) moves to the open or closed position the display (5a) can be exposed or covered), wherein a first display panel is consistently visible (Figures 1 – 2, the display (6a) is consistently visible regardless of what position the outer surface (3b) is in), and the first and second display panels are simultaneously visible to a user when the second display panel is exposed (Figures 1 – 2, the user can

see both displays by slightly moving the outer surface (3b) forward and back without covering the display (5a)).

Regarding Claim 2, Sassi teaches all of the claimed limitations recited in the Claim 1. Sassi further teaches each display panel that is separately powered up when its respective pre-assigned operation mode is activated (Figures 1 – 3, Column 4 lines 64 – 67, Column 5 lines 1 – 7, Column 5 lines 16 – 30, Column 6 lines 37 – 52, CMT is the phone mode).

Regarding Claim 3, Sassi teaches all of the claimed limitations recited in Claim 2. Sassi further teaches a first display panel that is consistently visible through a viewing means on the cover (Figure 1, the viewing means is the cut out portion of the outer surface (3b) that houses the display (6a)).

Regarding Claim 4, Sassi teaches all of the claimed limitations recited in Claim 3. Sassi further teaches a viewing means that is one of a cut away portion and a transparent surface (Figure 1, the viewing means is the cut out portion of the outer surface (3b) that houses the display (6a)).

Regarding Claim 6, Sassi teaches a user presentation in a portable device having separate display panels pre-assigned to respective operation modes for displaying associated information and selected cross-operation information (Figures 1 – 3, Column 4 lines 64 – 67, Column 5 lines 1 – 7, Column 5 lines 16 – 30, Column 6 lines 37 – 52, CMT is the phone mode), wherein each display panel is separately powered up when its respective operation mode is activated (Figures 1 – 3, Column 4 lines 64 – 67, Column 5 lines 1 – 7, Column 5 lines 16 – 30, Column 6 lines 37 – 52, CMT is the

phone mode), and at least two display panels are arranged for simultaneous viewing by a user exposed (Figures 1 – 2, the user can see both displays by slightly moving the outer surface (3b) forward and back without covering the display (5a)).

Regarding Claim 7, Sassi teaches all of the claimed limitations recited in Claim 6. Sassi further teaches at least a first display panel is consistently visible and at least a second display panel is selectively overlain (Figure 1 - 2, the display (6a) is consistently visible regardless of what position the outer surface (3b) is in, when said outer surface (3b) moves to the open or closed position the display (5a) can be exposed or covered).

Regarding Claim 8, Sassi teaches all of the claimed limitations recited in Claim 7. Sassi further teaches a cover attached to the device, moves to selectively overlay or expose at least the second display panel, wherein the first display panel is consistently visible (Figure 1 - 2, the display (6a) is consistently visible regardless of what position the outer surface (3b) is in, when said outer surface (3b) moves to the open or closed position the display (5a) can be exposed or covered).

Regarding Claim 10, Sassi teaches a method of implementing a user presentation in a portable device having separate display panels pre-assigned to respective operation modes for displaying associated information and selected cross-operation information (Figures 1 – 3, Column 4 lines 64 – 67, Column 5 lines 1 – 7, Column 5 lines 16 – 30, Column 6 lines 37 – 52, CMT is the phone mode), comprising the steps of arranging at least two display panels for simultaneous viewing by a user (Figures 1 – 2, the user can see both displays by slightly moving the outer surface (3b) forward and back without covering the display (5a)) and separately powering up each of

the display panels when its respective operation mode is activated (Figures 1 – 3, Column 4 lines 64 – 67, Column 5 lines 1 – 7, Column 5 lines 16 – 30, Column 6 lines 37 – 52, CMT is the phone mode).

Regarding Claim 11, Sassi teaches all of the claimed limitations recited in Claim 10. Sassi further teaches consistently exposing at least a first display panel and selectively overlaying at least a second display panel (Figure 1 - 2, the display (6a) is consistently visible regardless of what position the outer surface (3b) is in, when said outer surface (3b) moves to the open or closed position the display (5a) can be exposed or covered).

Regarding Claim 12, Sassi teaches all of the claimed limitations recited in Claim 11. Sassi further teaches providing a cover attached to the device, which moves to selectively overlay or expose at least the second display panel, wherein the first display panel is consistently visible (Figure 1 - 2, the outer surface (3b) is the cover, the display (6a) is consistently visible regardless of what position said outer surface (3b) is in, when said outer surface (3b) moves to the open or closed position the display (5a) can be exposed or covered).

### ***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 5, 9, and 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Sassi (US 6,487,396 B1) in view of Fuhrmann et al (US 6,487,397 B2).

Regarding Claim 5, Sassi teaches all of the claimed limitations recited in Claim 4. Sassi further teaches a cover (Figure 1 – 2, the outer surface (3b) is the cover).

Sassi does not specifically teach a cover that is removably attached to the device.

Fuhrmann teaches a cover that is removably attached to the device (Figure 1, Column 1 lines 42 - 50)

It would have been obvious to one of ordinary skill in the art at the time the invention was made to use the removable cover taught in Fuhrmann in the wireless device of Sassi for the purposes of creating a more flexible wireless device that is adaptable to a user's personal aesthetic preferences.

Regarding Claim 9, Sassi teaches all of the claimed limitations recited in Claim 8. Sassi further teaches a cover (Figure 1 – 2, the outer surface (3b) is the cover).

Sassi does not specifically teach a cover that is removably attached to the device.

Fuhrmann teaches a cover that is removably attached to the device (Figure 1, Column 1 lines 42 - 50)

It would have been obvious to one of ordinary skill in the art at the time the invention was made to use the removable cover taught in Fuhrmann in the wireless

device of Sassi for the purposes of creating a more flexible wireless device that is adaptable to a user's personal aesthetic preferences.

Regarding Claim 13, Sassi teaches all of the claimed limitations recited in Claim 12. Sassi further teaches a cover (Figure 1 – 2, the outer surface (3b) is the cover).

Sassi does not specifically teach a cover that is removably attached to the device.

Fuhrmann teaches a cover that is removably attached to the device (Figure 1, Column 1 lines 42 - 50)

It would have been obvious to one of ordinary skill in the art at the time the invention was made to use the removable cover taught in Fuhrmann in the wireless device of Sassi for the purposes of creating a more flexible wireless device that is adaptable to a user's personal aesthetic preferences.

### ***Conclusion***

5. Any inquiry concerning this communication should be directed to Raymond S. Dean at telephone number (703) 305-8998.

If attempts to reach examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung, can be reached at (703) 308-7745. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Or faxed to:



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(703) 872-9314 (for Technology center 2600 only)

Hand – delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist). Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377

A large, stylized handwritten signature in black ink, appearing to read 'Rugh Lee'.

  
**NAY MAUNG**  
**SUPERVISORY PATENT EXAMINER**